

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled APPARATUS AND METHOD FOR DRIVING MULTI-COLOR LIGHT EMITTING DISPLAY PANEL

the specification of which:

is attached hereto.
 was filed on July 24, 2000 as Application Serial No. 09/624,194 and was amended on _____
 was described and claimed in PCT International Application No. _____ filed on _____ and as amended under PCT Article 19 on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim the benefit under Title 35, United States Code, §119(e)(1) of any United States provisional application(s) listed below:

U.S. Serial No.	Filing Date	Status
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I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information I know to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. Serial No.	Filing Date	Status
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I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one-country other than the United States of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

Country	Application No.	Filing Date	Priority Claimed
Japan	11-212432	July 27, 1999	Yes

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

John F. Hayden, Reg. No. 37,640; Michael McKeon, Reg. No. 37,888; Linda Liu Kordziel, Reg. No. 39,732; William E. Booth, Reg. No. 28,933; Ruffin B. Cordell, Reg. No. 33,487; John W. Freeman, Reg. No. 29,066; Timothy A. French, Reg. No. 30,175; G. Roger Lee, Reg. No. 28,963; Ralph A. Mittelberger, Reg. No. 33,195; John B. Pegram, Reg. No. 25,198; Rene D. Tegtmeier, Reg. No. 33,567; Charles C.

Combined Declaration and Power of Attorney

) Page 2 of 2Pages)

Winchester, Reg. No. 21,040; William D. Hare, Reg. No. 44,739; James E. Mrose, Reg. No. 33,264; Lauren A. Degnan, Reg. No. 40,584; Andrew F. Bodendorf, Reg. No. 39,537; Robert V. Racunas, Jr., Reg. No. 43,027; Diana DiBerardino, Reg. No. 45,653; W. Karl Renner, Reg. No. 41,265; Joseph F. Key, Reg. No. 44,827; and John R. Rafter, Reg. No. 28,533.

Address all telephone calls to WILLIAM D. HARE at telephone number (202) 783-5070.

Address all correspondence to JOHN F. HAYDEN at:

FISH & RICHARDSON P.C.
601 Thirteenth Street, NW
Washington, DC 20005

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor: Shinichi ISHIZUKA

Inventor's Signature: Shinichi Ishizuka Date: Sep.14, 2000
Residence Address: Tsurugashima-shi, Saitama, Japan
Citizenship: Japanese
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c/o Corporate Research and Development Laboratory, Pioneer Corporation

Full Name of Inventor: Hideo OCHI

Inventor's Signature: Hideo Ochi Date: Sep. 18 2000
Residence Address: Tsurugashima-shi, Saitama, Japan
Citizenship: Japanese
Post Office Address: 6-1-1, Fujimi, Tsurugashima-shi, Saitama 350-2288, Japan,
c/o Corporate Research and Development Laboratory, Pioneer Corporation

Full Name of Inventor: Tsuyoshi SAKAMOTO

Inventor's Signature: Tsuyoshi Sakamoto Date: Sep. 18. 2000
Residence Address: Tsurugashima-shi, Saitama, Japan
Citizenship: Japanese
Post Office Address: 6-1-1, Fujimi, Tsurugashima-shi, Saitama 350-2288, Japan,
c/o Corporate Research and Development Laboratory, Pioneer Corporation

PATENT
ATTORNEY DOCKET NO.: 041514-5186

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Shinichi ISHIZUKA et al.)
Application No.: 09/624,194) Group Art Unit: 2673
Filed: July 24, 2000) Examiner: R. Osorio
For: APPARATUS AND METHOD FOR)
DRIVING MULTI-COLOR LIGHT)
EMITTING DISPLAY PANEL)

Commissioner of Patents
Washington, D.C. 20231

Sir:

**SUBMISSION OF REVOCATION OF ORIGINAL POWER OF
ATTORNEY AND GRANT OF NEW POWER OF ATTORNEY**

Enclosed is a copy of the Revocation of Original Power of Attorney and Grant of New
Power of Attorney by the Assignee.

If there is any fee due in connection with the filing of this Statement, please charge the
fee to our Deposit Account No. 50-0310.

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS LLP

Dated: December 5, 2002

By: Donald L. Monin, Jr.
Donald L. Monin, Jr.
Registration No. 47,256

Customer No.: 009629
MORGAN, LEWIS & BOCKIUS LLP
1111 Pennsylvania Avenue, N.W.
Washington, D.C. 20004
Tel: 202-739-3000
Fax: 202-739-3001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assignee : Pioneer Corporation

Commissioner for Patents
Washington, D.C. 20231REVOCATION AND NEW POWER OF ATTORNEY

Under 37 CFR §3.73(b), PIONEER CORPORATION, a Japanese corporation, certifies that it is the assignee of 100% of the right, title and interest in the patent applications identified in the following chart by virtue of assignments from the inventors submitted to the U.S. Patent and Trademark Office. The dates on which the assignments were submitted and, where available, the reel/frame numbers at which the assignments were recorded are indicated below. The reel/frame numbers have to date not yet been supplied to Applicant from the USPTO for Application No. 09/921,597. Accordingly, a copy of the assignment document executed on October 12, 2001 assigning the rights of the inventor to Pioneer Corporation is attached hereto.

Atty. Ref. No.	Client Ref. No.	Filing Date	Application No.	Recordation Info.
11690-002001	PU01-0001	03/01/00	09/516,731	05/19/00; 010803/0859
04478-076001	PU01-9902	03/04/99	09/262,352	05/11/99; 009952/0756
04478-077001	PU01-9982	01/27/00	09/492,296	04/25/00; 010726/0933
04478-079001	PU01-9983	01/31/00	09/494,647	04/25/00; 010726/0936
04478-080001	PU01-9984	02/08/00	09/497,695	05/09/01; 010775/0009
11103-002001	PU01-9945	08/20/99	09/378,570	08/20/99; 010194/0453
11103-004001	PU01-9946	08/26/99	09/383,587	08/26/99; 010200/0853
11103-005001	PU01-9952	09/13/99	09/394,503	11/5/99; 01036/0992
11103-007001	PU01-9967	10/07/99	09/414,034	01/03/00; 010469/0658
11103-008001	PU01-9962	11/16/99	09/441,202	02/22/00; 010562/0857
11103-010001	PU01-9976	12/10/99	09/458,028	03/06/00; 010594/0683
11103-011001	PU01-0008	03/23/00	09/651,739	12/06/00; 011921/0152
11103-012002	PU01-0009D	08/10/01	09/925,488	07/20/00; 010976/0343
11103-013001	PU01-0020	04/25/00	09/557,616	08/29/00; 011038/0292
11103-014001	PU01-0031	06/13/00	09/593,791	09/14/00; 011073/0870

Assignee : Pioneer Corporation
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Atty. Ref. No.	Client Ref. No.	Filing Date	Application No.	Recordation Info.
11103-016001	PU01-0036	06/29/00	09/606,170	09/05/00; 011047/0418
11103-017001	PU01-0054	06/30/00	09/607,336	10/20/00; 011174/0715
11103-018001	PU01-0033	07/24/00	09/624,194	10/20/01; 011174/0707
11103-019001	PU01-0057	09/07/00	09/656,953	11/14/00; 011309/0921
11103-020001	PU01-0077	09/28/00	09/671,601	01/04/01; 011399/0773
11103-021001	PU01-0060	10/25/00	09/695,050	01/22/01; 011718/0656
11103-022001	PU01-0066	11/2/00	09/704,063	05/02/01; 011760/0425
11103-023001	PU01-0089	11/28/00	09/723,281	05/22/01; 011760/0425
11103-024001	PU01-00112	01/24/01	09/768,004	05/04/01; 011803/0360
11103-025001	PU01-0103	03/08/01	09/801,053	05/23/01; 011827/0977
11103-026001	PU01-0104	03/08/01	09/801,055	05/23/01; 011827/0989
11103-027001	PU01-0113	03/29/01	09/820,284	06/29/01; 01194/0718
11103-029001	PU01-0160	08/06/01	09/921,597	11/01/01; R/F Not Available

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee. Acting on behalf of the assignee, the undersigned hereby revokes all powers of attorney previously granted in these applications and appoints:

Customer Number 009629
MORGAN, LEWIS & BOCKIUS LLP
 1800 M Street, NW
 Washington, DC 20036

with full power of substitution and revocation, to prosecute the applications and to transact all business in the United States Patent and Trademark Office connected with these applications.

All correspondence regarding these applications should be sent to JOHN SMITH at:

MORGAN, LEWIS & BOCKIUS LLP
 1800 M Street, NW
 Washington, DC 20036

Assignee : Pioneer Corporation

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the applications or any patents issued thereon.

Respectfully submitted,

Date: Dec. 21, 2001

Jun Ikeshima
Name: Jun IKESHIMA
Manager of Patent Department,
Intellectual Property Division
Title: _____

PIONEER CORPORATION

ASSIGNMENT

In consideration of the sum of ten dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, the undersigned agree to assign, and hereby do assign, transfer, and set over to:

Pioneer Corporation

having the address:

4-1, Meguro 1-chome, Meguro-ku, Tokyo, Japan

(hereinafter designated as the "ASSIGNEE") the entire right, title, and interest for the United States and all foreign countries (including protection in foreign countries via the Patent Cooperation Treaty), in the invention, and all applications for patent and any Letters Patent which may be granted therefor, the application being known by the Title:

IN-VEHICLE NAVIGATION SYSTEM

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

filed on August 6, 2001
serial No. 09/921,597

1. The undersigned agree to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

2. The undersigned agree to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the ASSIGNEE in every way possible in obtaining evidence and going forward with such interference.

3. The undersigned agree to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial property or similar agreements.

4. The undersigned agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE.

5. The undersigned hereby authorize and request the commissioner of Patents in the United States and the appropriate national or regional authority in each foreign country to issue any and all Letters Patents resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEE, as ASSIGNEE of the entire interest, and hereby covenants that they have full right to convey the entire interest herein assigned, and that they have not executed and will not execute, any agreement in conflict herewith.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned names.

The undersigned hereby authorize the firm of

FISH & RICHARDSON P.C., at the address of
601 Thirteenth Street, N.W., Washington, D.C. 20005, U.S.A.

to insert hereon any further identification necessary or desirable for recordation of this document.

Oct. 12, 2001
Date

Masayuki Kato
Typed Name: Masayuki KATO